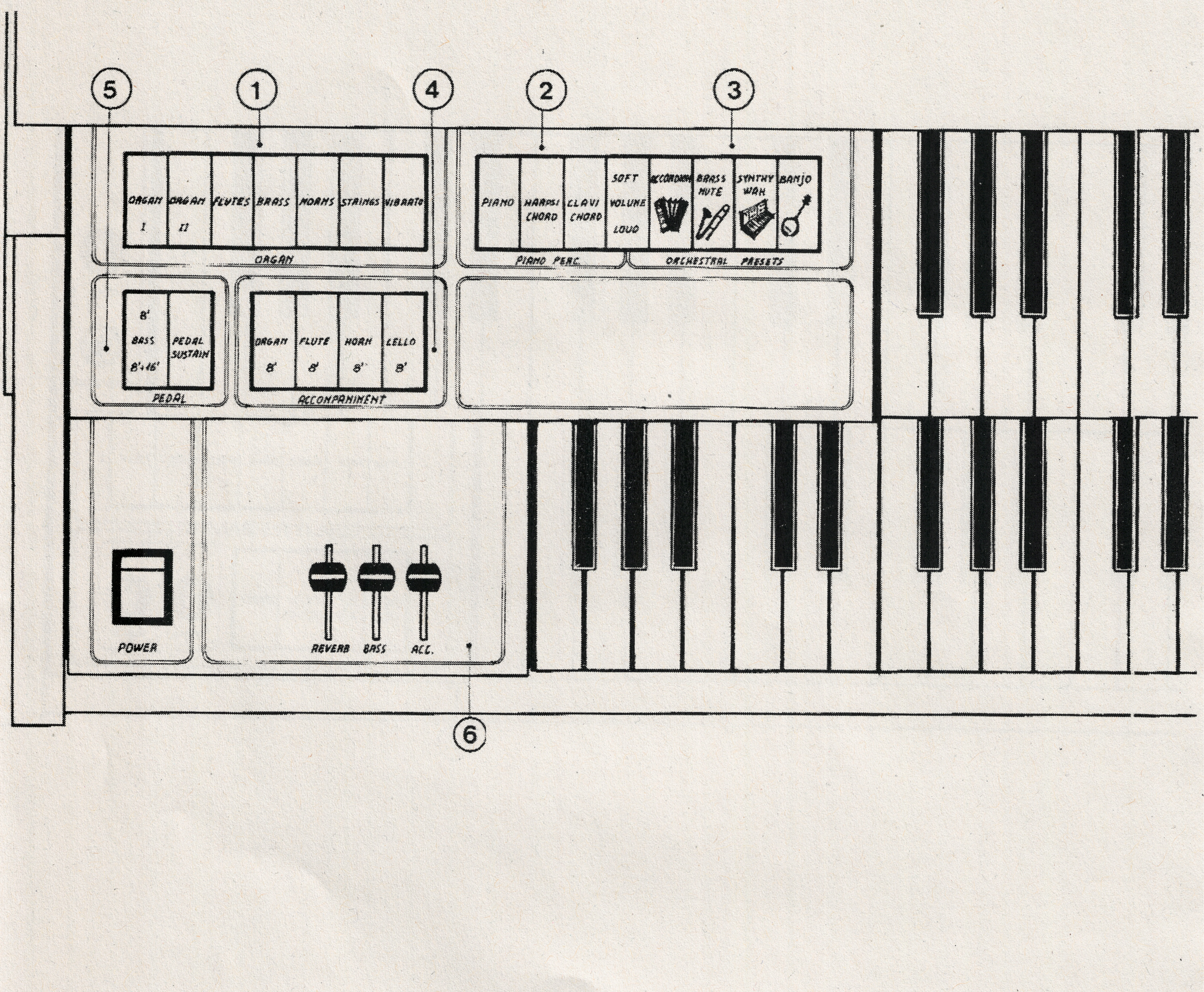
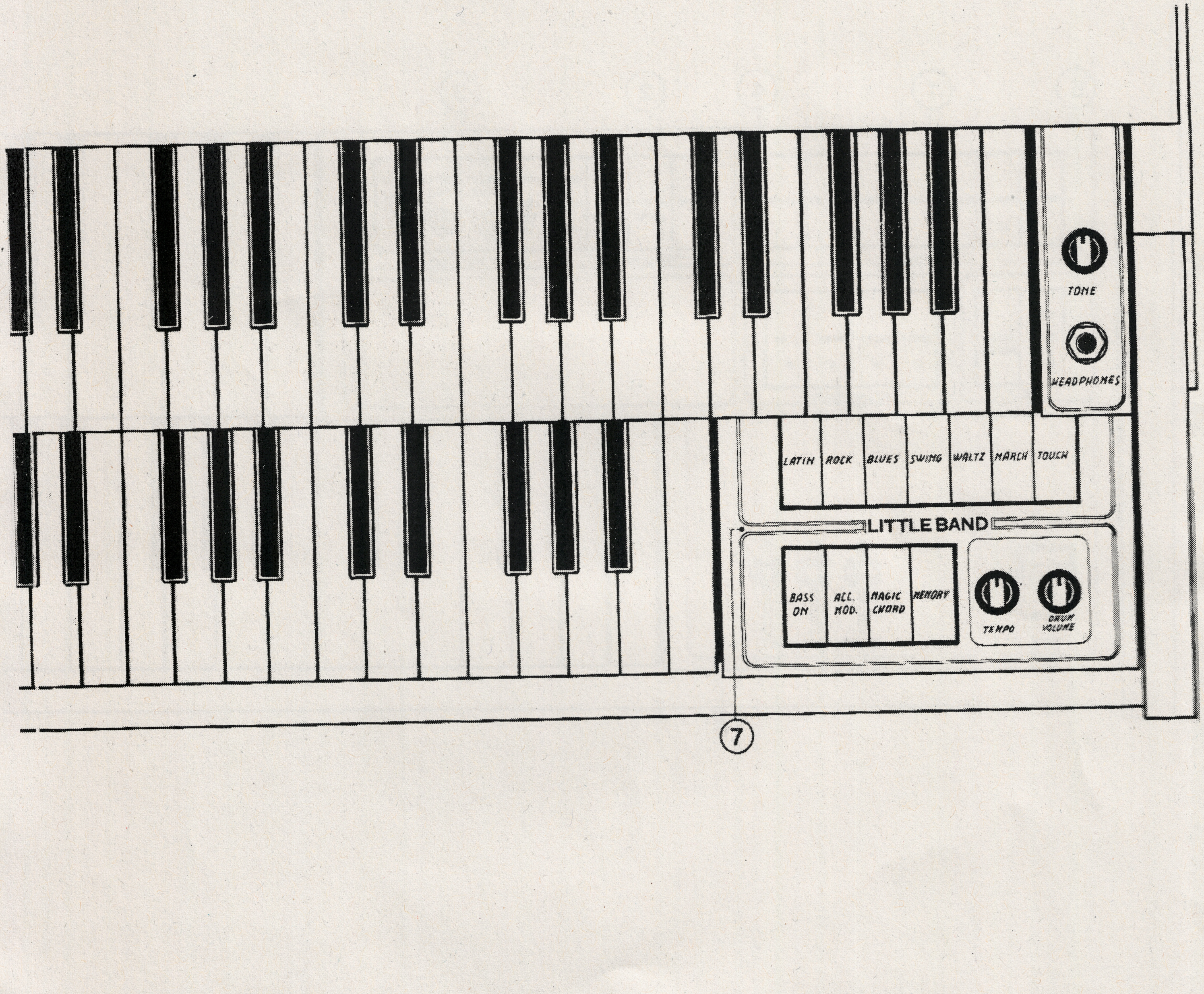
WIZARD 325

OWNER'S MANUAL

ENGLISH

GEM A PRODUCT OF **general electro music**


5
1
4
2
3
ORGAN I
ORGAN II
FLUTES
BRASS
HORNS
STRINGS
VIBRATO
ORGAN
PIANO
HARPSI CHORD
CLAVI CHORD
SOFT
VOLUME
LOUD
ACCORDION
BRASS MUTE
SYNTHY WAH
BANJO
PIANO PERC.
ORCHESTRAL PRESETS
8'
BASS
8'+16'
PEDAL SUSTAIN
PEDAL
ORGAN 8'
FLUTE 8'
HORN 8'
CELLO 8'
ACCOMPANIMENT
POWER
REVERB
BASS
ACC.
6


TONE
HEADPHONES
LATIN
ROCK
BLUES
SWING
WALTZ
MARCH
TOUCH
LITTLE BAND
BASS ON
ACC. MOD.
MAGIC CHORD
MEMORY
TEMPO
DRUM VOLUME
⑦

Presentation

Your W325 has been designed and produced in the Gem factories using the most advanced technology combined with the long experience of our company in the field of musical instruments.
This organ unites good quality and total reliability with authentic sound reproduction, qualities which are the fruit of advanced technology, design and the use of best quality materials.
Congratulations therefore upon your choice.

Characteristics

Your W325 is an electronic organ with 2 × 44 note keyboards (F - C) completed by a pedalboard which extends for a complete octave (C - C).
It has an incorporated amplifier and special loudspeaker as well as many other features, which make this organ one of most modern in it's class.

2 × 44 note keyboards (F - C)
1 × 13 Note pedalboard (C - C)
Incorporated 18 W RMS amplifier
1 Special 12' double cone HI-FI loudpseaker
Photocell operated expression pedal
1 Output socket for headphone
1 General tone control potentiometer
Dimensions: Height cm. 91
Width cm. 122
Depth cm. 51

Organ (1)

The tabs of the organ group (together with those of the piano perc. and orchestral tabs) act upon the upper keyboard, which in electronic Organ is the main or solo keyboard, that is the reason why these tabs are more in number than those of the lower keyboard (accompaniment).
These tabs can be used either singly or in combination with each other or with tabs of different sections, thus enabling you to obtain an infinite range of sounds and effects. The first 3 tabs (organ 1, organ 2, flutes) are the basic sound of your W325, whilst the remaining (brass, horn, strings) have a more orchestral sound suitable for forming combinations.
The vibrato acts upon the whole instrument and reproduces mor or less the effect of the violinist when he vibrates the left hand upon the strings. We too, when singin, vibrate the frequences of our voices making a real Vibrato. This tab therefore enriches the sound and later on in this booklet (in chapter marked).
We will give you some examples for how to use this effect.

Piano Perc.(2)

The 3 tabs of this group, imitate the sound of the classic keyboard instruments (piano etc.) and they can be combinated with each other or with the tabs of other groups. The word Percussion indicates that the sound is percussive as in the real piano whilst the tab soft-volume + loud accentuates seperately the volume level. This volume control also effect the sound level of the orchestral presets group.

Orchestral Presets (3)

One of the principle features of the electronic organ is that of being able to re-create the sound of many instruments.
This section re-create for you with true reality 4 orchestral sounds thus you can play a waltz with accordion or a modern piece of rock with the shynty wah (which reproduces one of the typical effects obtained by the modern syhthesizers).
The tab Brass Mute has the sound of the brass section with "muffer" whilst Banjo has the typical repeat effect of this instrument.
Naturally, these tabs can also be used either singly or in combination with tabs from other sections.

Accompaniment (4)

The tabs of the accompaniment group act upon the lower keyboard which is usually used to accompany the melodies played on the upper keyboard.
This being the reason why there are only 4, however these too used wisely, can produce many different sounds, thus for every sound of upper keyboard you can find the tone most suitable for the lower keyboard.

In the paragraph headed Little Band, we will explain how these tabs act when one plays the automatic accompaniment (acc. Mod. / Magic Chord).

Pedal (5)

On the pedalboard are the bass for the normal musical pieces of the electronic organ. The number 8' and 8' + 16' indicate the 2 different pitch of the sound whilst the pedal sustain gives the characteristic celay to the sound.
With these 2 tabs you can choose the sound most suitable to the music which you are playing, also in relation to the tabs chosen on the keyboards therefore, for example, the bass 8' + 16' is very suitable for the deep tones, to accompany classic organ music, whilst bass 8' together with pedal sustain imitates well the bass for modern music.

Control Potentiometers (6)

The potentiometers, regulate seperately the level of reverb which you want to add thus giving the sensation of playing in a cathedral or large theatre and the volume of bass (be it pedalboard or automatic and the accompaniment level or the lower keyboard).
The instrument has been designed in a such a way that it is ideally balanced when the 3 potentiometers are placed in the middle of each guage, you can, however, emphasize one of the sections by changing the position of the potentiometers by using the soft-volume-loud tab for the piano perc. and orchestral effects sections.

Little Band (7)

The electronic little band unit puts an entire percussion section at your disposal with 6 different rhythms. As well as this it also gives you a semi or completely automatic with walking bass and 48 different chords, major, minor, and seventh or minor-seventh.
Its functions are simple but incredibly versatile, its 6 rhythms can be used singly or in combination to create rhythms o your own choice or other rhythms already pre-selected (eg. Rock + Swing = Bolero, Latin + Swing = Funky).
The touch tab, makes the rhythm start in beat each time you play the lower keyboard (in the marked section) and stops as soon as you raise your hand, this allows you to play "accents" like a real drummer.
When inserting the bass on tab and forming a chord on the lower keyboard (in marked section) the drum 6 automatically gives you an alternating bass whose sound changes from rhythm to rhythm.
The tab Acc. Mod. (which means accompaniment modulation) automatically rhythms the chord formed on the lower keyboard in time with the bass. **Attention** the acc. Mod. tab acts only on the tabs Horn 8' and Cello 8' of the accompaniment group, whilst the tabs Organ 8' and Flute 8 remain unchanged, thus giving background to the accompaniment.

Magic Chord Memory

These two complete the automatic section, forming pre-formed major and minor chords (pressing of the G the pedalboard) seventh (pressing the A of the pedalboard) and minor-seventh (pressing the G and A at the same time).
The potentiometer Drum Volume and Tempo regulate respectively the tempo of the rhythms and the volume of the drum.

Installation

We suggest that you place W325 away from heat sources and windows where quick temperature changes may damage the cabinet.

Setting-Up

After extracting the power cable, plug in to normal household ains plug. Make sure that all the tabs are in Off position then switch the On/Off switch to the ON position and the incorporated light will illuminate indicating that the instrument is ready for playing.

Care of your Instrument

Clean the cabinet as a normal piece of household furniture avoiding the use of alcohol and other solvents. Usually a slightly damp cloth is sufficient.

Suggestions

When the instrument is connected, try switching on the various tabs one at a time and this will help you to learn the various sounds and effects.

REGISTRATION’S GUIDE **WIZARD 325**

ORGAN I	Solo: ORGAN I Acc: FLUTE 8’
ORGAN II	Solo: ORGAN II Acc: FLUTE 8’
PIPE ORGAN	Solo: ORGAN II STRING Acc: HORN 8’
THEATRE ORGAN	Solo: ORGAN II VIBRATO Acc: ORGAN 8’
JAZZ ORGAN	Solo: ORGAN I - STRINGS - VIBRATO Acc: FLUTE 8’
BRASS MUTE	Solo: BRASS MUTE Acc: FLUTE 8’
SYNTHY WAH	Solo: SYNTHY WAH Acc: HORN 8’
ACCORDION	Solo: ACCORDION Acc: FLUTE 8’
SOLO BANJO	Solo: BANJO Acc: HORN 8’
HARPSICHORD	Solo: HARPSICHORD Acc: CELLO 8’
SOLO PIANO	Solo: PIANO Acc: HORN 8’
FUNNY I	Solo: SYNTHY WAH - HARPSICHORD Acc: CELLO 8’
FUNNY II	Solo: BRASS MUTE -CLAVICHORD Acc: HORN 8’
FUNKY ORGAN	Solo: STRINGS -SYNTHY WAH Acc: CELLO 8’
CLAVICHORD	Solo: CLAVICHORD Acc: CELLO 8’
HONKY TONK	Solo: PIANO -HARPSICHORD Acc: CELLO 8’

STAMPA GARATTONI - RIMINI